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## ARCHITECTURAL COLOR CHANGERS

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### GRAPHITE 300



**GRAPHITE 300** model AD3552 is a weatherproofed 250W color changer which has been designed for permanent exterior installation. The newly conceived outline provides for an extremely compact and solid housing that blends discretely with any architectural environment. The standard optic group featured produces an electronically adjustable beam between 16° and 28°. In addition, the range of optical combinations gives the ability to narrow the beam aperture down to 7° or increase it up to a wide angle output of 65°. Optional beam shapers are also available for creative concepts. The subtractive color changing system that features variable transmission CYM dichroic filters can create a virtually endless variety of color hues and has been designed for excellent performance on smooth mixing between color changes. The special effects configuration includes an electronic zoom, a mechanical shutter for instant blackout, dimming and strobing facilities for dynamic lighting creations, remote lamp ON/OFF function and digital control of all tasks, including stand alone options and permanent color selection, with a maximum of six channels of DMX signal.

#### LAMP

MSD 250 W, 18,000 lm, 6,700 K,  
average rated life 3,000 hours  
Ordering code LP0205  
GX 9.5 base

#### STANDARDS

Extruded aluminum body, with adjustable universal mounting yoke.  
Scratch resistant textured polyester gray finish, protected against UV deterioration and general corrosion  
Front tempered glass shock resistant

Certified IP65 protection rating for the most severe weather conditions  
Electrical class: I

Product in compliance with CEI EN 60598- 1 and CEI EN 60598-2-17

### **OPTICAL GROUP**

127 mm ellipsoidal dichroic reflector coupled with an optical configuration that produces a beam angle combination which is electronically adjustable between 16° and 28°.

Optional lenses and beam shapers are available for alternative beam adjustments:

7°-14° narrow output - ordering code AD3556

40° output - ordering code AD3658

65° wide output - ordering code AD3660

15°x38° beam shaper for use with 7° lens only - ordering code AD3662

### **COLOR CHANGER SYSTEM**

Variable transmission hatched dichroic filters for a CYM color changer system that is operated by high precision stepping motors. The subtractive color mixing system produces a linear 0 -100% virtually unlimited color creation.

**GRAPHITE 300 MONOCHROME** is also available upon request as a single color projector.

### **DYNAMIC EFFECTS**

Electronic zoom

Variable speed instant black out effect

Linear mechanical dimmer function

8 FpS mechanical strobe system

Remote lamp on/off function

### **DIGITAL CONTROL**

6 channels of standard DMX 512

Internal controller with a choice of eight pre-programmed color-change sequences, any of which can be

easily selected from the user friendly on-board control panel.

Permanent color option.

Master/slave function for multi-unit synchronization.

Test mode for troubleshooting operation.

Dedicated IP65 controller for full remote programmable control - ordering code AD3664

User friendly dedicated programming

software for personal computer - ordering code AD4118

### **COOLING**

Convection cooling plus two internal axial fans keep the level of heat within the unit constant and help dissipation through the body. Optional electronic temperature control to withstand persisting extreme weather conditions beyond 40°C assists lamp life and protect internal components from heat damage - ordering code AD3554

### **POWER SUPPLY**

Standard power supply:

230 - 250V, 50-60 Hz, 1.7 Amp;

Custom power supply:

100 - 120V, 50-60 Hz, 3.5 Amp (with separate ballast set);

200 - 208V, 50-60 Hz, 2 Amp.

### **WEIGHT**

29.5 kg

### **ADDITIONAL ACCESSORIES**

4-LEAF BARNDOOR SET - ordering code AD3654

SAFETY HOOK - ordering code AD3666

**DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY  
CHANGE WITHOUT PRIOR NOTICE.**